

ABERDEEN
PHILOSOPHICAL SOCIETY.

1840—1863.

Presidents of the Philosophical Society.

1840—John Fleming, D.D., Professor of Natural Philosophy, King's College

1843—Thomas Clark, M.D., Professor of Chemistry, Marischal College

1844—John Shier, A.M., Lecturer on Agriculture, Marischal College

1845—John S. Blackie, A.M., Professor of Humanity, Marischal College

1847—William Martin, M.A., Professor of Moral Philosophy, Marischal College

1849—Dr. Clark

1851—Professor Martin

1853—Peter Redfern, M.D., Lecturer on Anatomy, King's College

1855—James S. Brazier, Lecturer on Chemistry, Marischal College

1856—Dr. Redfern

1859—John Duguid Milne, Advocate

1861—George Dickie, M.D., Professor of Botany, Aberdeen University

1863—Alexander Bain, M.A., Professor of Logic, Aberdeen University

Aberdeen Philosophical Society.

INSTITUTED, JANUARY, 1840.

R U L E S.

I.—The object of the Society shall be :—To receive, at its stated Meetings, original papers and other communications contributed by its Members on subjects of Science, Literature, and Philosophy.

II.—Except as hereinafter provided, the number of Ordinary Members shall be limited to Eighty.

III.—The Society to meet at least once a-month during the Winter Session of the University.

IV.—The Office-bearers to consist of a President, two Vice-Presidents, a Treasurer, and a Secretary, to be elected annually at the December meeting of the Society.

V.—Candidates for admission as Ordinary Members to be proposed and seconded at the November Meeting of the Society, and the vote on their admission to take place at the December meeting. When the Candidates are not more numerous than the vacancies, they shall be balloted for and admitted unless one-third of the votes be adverse ; when the Candidates are more numerous than the vacancies, the Members present shall select, by written lists, a sufficient number to fill up the vacancies, and those thus selected shall then be balloted for as in the previous case. Corresponding Members to be admitted, according to the same rule, but Ordinary Members becoming non-resident may be transferred to the list of Corresponding Members without ballot.

VI.—Corresponding Members may be proposed at any Meeting, and be admitted by ballot at the following Meeting, unless one-third of the votes be adverse.

VII.—Professors and Lecturers of the University may be balloted for and admitted as Ordinary Members in addition to the existing number ; and Corresponding Members may likewise, on their becoming resident, be added to the roll, but without ballot.

VIII.—Ordinary Members to pay on their admission £1 1s. of Entry Money, besides such Annual Subscription as may be determined at the December meeting of the Society for each session subsequent to that of their admission.

IX.—The name of any Member who shall not have attended a Meeting of the Society during three successive Sessions, or whose Subscription is more than one year in arrear may be struck off the roll at the discretion of the Society.

X.—Any Member introducing a friend at an Ordinary Meeting shall give his name to the Secretary to be communicated to the President for the evening.

XI.—No Motion to be put to the vote until it has been on the table for one month. The Motion to be decided by the majority of votes given by Members present—the Preses having both an ordinary and a casting vote.

XII.—The Secretary, three days before each Meeting, to issue Circulars to the Resident Members intimating the place of Meeting, the Title of the paper to be read, and the Business to be disposed of.

XIII.—The Secretary to keep a Minute Book of the proceedings of the Society.

XIV.—The Treasurer to lay before the December Meeting a statement of the Income and Expenditure of the Society for the previous year.

LIST OF MEMBERS
OF THE
PHILOSOPHICAL SOCIETY OF ABERDEEN.
DECEMBER, 1863.

President.

ALEXANDER BAIN, M.A., Professor of Logic, Aberdeen University,

Vice-Presidents.

JAMES S. BRAZIER, Professor of Chemistry, Aberdeen University.

GEORGE OGILVIE, M.D., Professor of Institutes of Medicine,
Aberdeen University.

Treasurer.

JOHN DUGUID MILNE, Advocate, Aberdeen.

Secretary.

HENRY AMBROSE SMITH, Actuary, Aberdeen.

Date of
Admission.

Corresponding Members.

1840—Allan Thomson, M.D., Professor of Anatomy in the University of Glasgow
1841—Rev. George Gordon of Birnie
1841—Patrick Duff, Esq., Elgin
1841—John S. Blackie, Professor of Greek, University of Edinburgh
1841—William Templeton, M.D., Huntly
1843—Andrew Findlater, late Head Master of Gordon's Hospital, Aberdeen
1843—J. P. Walker, M.D., late of Aberdeen
1843—Rev. John Davidson, Inverury
1844—Rev. Alexander Mitchell, Dunfermline
1844—Rev. W. P. Smith, Tough
1846—Peter Abel, M.D., Inverury
1849—John Smith, M.D., Professor of Chemistry and Natural Philosophy,
Sydney
1849—David Mackintosh, M.D., formerly Lecturer on the Institutes of
Medicine
1851—John Botham, M.D.
1852—Alexander Ross, M.D.
1853—Immanuel Schmidt, Cheltenham
1853—Alexander Ewing of Tartowie
1854—James Lazenby, formerly Teacher, Aberdeen
1861—Rev. N. K. Macloed, Ellon

Date of
Admission.

Ordinary Resident Members.

1840—George Dickie, M.D., Professor of Botany, Aberdeen University
 1840—Francis Ogston, M.D., Professor of Med.-Logic and Med.-Jurisprudence, Aberdeen University
 1840—Alexander Kilgour, M.D., Aberdeen
 1841—R. Jamieson, M.D., Governor of Lunatic Asylum, Aberdeen
 1841—William Watson, Sheriff-Substitute of Aberdeenshire
 1842—Alexander Cruickshank, M.A., Aberdeen
 1842—James Booth, M.D., Aberdeen
 1842—Alexander Bain, M.A., Professor of Logic, Aberdeen University
 1843—Alexander Harvey, M.D., Professor of Materia Medica, University of Aberdeen
 1843—John Urquhart, Druggist, Aberdeen
 1845—John Duguid Milne, Advocate, Aberdeen
 1847—John Christie, M.D., Aberdeen
 1847—Rev. J. B. Ritchie, Aberdeen
 1847—William Martin, Professor of Moral Philosophy, Aberdeen University
 1848—Henry Ambrose Smith, Secretary, Northern Assurance Company, Aberdeen
 1849—Norval Clyne, Advocate, Aberdeen
 1850—George Black Bothwell, Merchant, Aberdeen
 1850—John Watt, Advocate, Aberdeen
 1850—John Forbes White, Merchant, Aberdeen
 1850—William Geddes, Professor of Greek, Aberdeen University
 1850—Charles Duncan, Advocate, Aberdeen
 1851—Robert Beveridge, M.D., Aberdeen
 1852—George Davidson, Bookseller, Aberdeen
 1852—William B. Ferguson, C.E., Aberdeen
 1852—Rev. Alexander Beverly, Grammar School, Aberdeen
 1852—David McHardy, Blacksmith, Aberdeen
 1852—James Smith Brazier, Professor of Chemistry, Aberdeen University
 1852—R. Hosier Baker, Aberdeen
 1853—Isaac Gilchrist, M.D., Woodside
 1853—William Fraser, Surgeon, Aberdeen
 1854—George Walker, Bookseller, Aberdeen
 1854—John Miller, Chemist, Aberdeen
 1854—James Matthews, Architect, Aberdeen
 1854—William F. Ogg, Advocate, Aberdeen
 1854—James Augustus Sinclair, Banker, Aberdeen
 1854—Peter Duguid, Advocate, Aberdeen
 1855—William M'Combie, Editor of *Free Press*, Aberdeen
 1855—James Abernethy, Engineer, Aberdeen
 1855—George Grub, Advocate, Lecturer on Law, Aberdeen University
 1855—James Walker, Wine Merchant, Aberdeen
 1855—Alex. Simpson, Sen., Advocate, Aberdeen
 1855—William Paul, Advocate, Aberdeen

Date of
Admission.

Ordinary Resident Members—Continued.

1856—Rev. James Forsyth, D.D., Aberdeen
 1856—James Westland, Banker, Aberdeen
 1856—George Ogilvie, M.D., Professor of Institutes of Medicine, Aberdeen University
 1856—James Rettie, Jeweller, Aberdeen
 1857—William Williamson, M.D., Aberdeen
 1857—James Steele, M.D., Aberdeen
 1857—Robert Dyce, M.D., Union Terrace, Aberdeen
 1857—David Middleton, H.M. Inspector of Schools, Aberdeen
 1857—A. D. Milne, Rubislaw Bleaching Works
 1858—James Hay Chalmers, Advocate, Aberdeen
 1858—George Cadenhead, Advocate, Aberdeen
 1859—Hardy Robinson, Manufacturer, Aberdeen
 1859—Rev. Robert Demaus, Union Street, Aberdeen
 1859—William Leslie, Architect, Aberdeen
 1859—William Rattray, Teacher, Aberdeen
 1860—John Manson, British Linen Company's Bank
 1860—Charles F. Müller, Teacher of Languages, Aberdeen
 1860—William Dunn, Advocate, Aberdeen
 1860—Rev. James M'Kerrow, B.A., Aberdeen
 1861—John Willet, C.E., Aberdeen
 1861—Charles S. Gordon, Bank Inspector, Aberdeen
 1861—Rev. Robert Gray, Teacher of Mathematics
 1861—Rev. William Barrack, M.A., Rector of Grammar School
 1861—Charles S. Still (of Burgar), M.D., Richmondhill
 1861—Alexander M'Farlane, Customs, Aberdeen
 1861—John Smith, Advocate, Aberdeen
 1861—William Williamson, Surgeon Dentist, Aberdeen
 1862—George W. Wilson, Artist, Aberdeen
 1862—Thomas Ruxton, Advocate, Aberdeen
 1862—James Clyne, Jun., King Street, Aberdeen
 1863—James W. Barclay, Grain Merchant, Aberdeen
 1863—John Leask, Registrar (Parish of Old Machar), Aberdeen
 1863—P. L. Gordon of Craigmyle, Torphins
 1863—George Reid, Nurseryman, Aberdeen
 1863—James Milne, Teacher, Aberdeen
 1863—Rev. William Milligan, D.D., Aberdeen University
 1863—Robert Abernethy, Civil Engineer, Ferryhill
 1863—Lachlan M'Kinnon, Sen., Advocate, Aberdeen
 1863—Lachlan M'Kinnon, Jun., Advocate, Aberdeen
 1863—William Smith, Architect, Aberdeen
 1863—Rev. John Thomson, King Street, Aberdeen
 1863—William Jopp, Wine Merchant, Aberdeen
 1863—William Forsyth, Editor, *Aberdeen Journal*
 1863—James Nicol, Professor of Natural History, Aberdeen University
 1863—James Struthers, M.D., Professor of Anatomy, Aberdeen University

LIST OF ORIGINAL PAPERS
COMMUNICATED TO THE
ABERDEEN PHILOSOPHICAL SOCIETY,
FROM ITS INSTITUTION IN JANUARY, 1840, TO THE
CLOSE OF SESSION 1862-3.

Session 1840.

1840

Feb. 7—On the Formation of a Harbour of Refuge on the East Coast of Scotland, between Fifeness and Kinnaird Head ; and, On a Vein of Animal Origin occurring on the Reef of Rocks, called Skerry Vore, on the West Coast of Scotland. By Dr. FLEMING
On Lactic Acid as occurring in Animal Fluids. By Dr. GREGORY
On the Nature and Properties of Fecula. By Dr. DICKIE
March 6—On the Branchial Appendages in the Fœtus of the Skate, and on the Reproduction of Fishes, particularly of the Cartilaginous Tribes. By Professor THOMSON
On the New Compounds discovered by Liebeg and Wöhler in their researches in Uric Acid. By Professor GREGORY
April 3—On the Different Species of Cetacea found on the Coast of Aberdeenshire. By Professor SHIER
On an Error in the Ordinary Computations of Absolute and Apparent Expansion ; and
On a New Power, apparently developed in the Apparatus for Bleaching Patterns in Calico, by forcing the Liquor through holes in the Plates employed when short Tubes were attached to the Perforations in the Plates. By Dr. CLARK

Session 1840-1841.

Nov. 6—On the Geology of the Neighbourhood of the Town of Aberdeen. By Dr. FLEMING
On the Occurrence of Cobalt and Nickel in the Ores of Manganese. By Dr. GREGORY
Dec. 4—On the Anatomy, Comparative Anatomy, and Functions of the round Ligament of the Hip Joint. By Dr. ANDREW MOIR
On the Physical Character of the Higher Mountains of Aberdeenshire, with reference particularly to the Existence of numerous large Flat Slabs of Rock, near the Summits. By Dr. DICKIE

1841

Jan. 8—On the Intermaxillary Bones in Man and Animals. By Dr. THOMSON
 On the Preparation of Chemically pure Muriatic Acid of any desired strength. By Dr. GREGORY
 On the Simple Minerals found in the vicinity of Aberdeen. By Mr. SHIER

Feb. 5—On the Manganese Mine at Grandholm, in the Neighbourhood of Aberdeen ; and, On Mr. Thom's Method of Purifying Moss Water by Filtration through Pounded Amygdaloid. By Dr. FLEMING

March 6—On the Structure of the Shell of the Egg, and on the Nature and Seat of the Colouring Matter. By Dr. DICKIE

April 9—On the Appearances presented by the Bodies of the Five Persons who perished in a recent fire in York Place, Aberdeen. By Dr. OGSTON
 On the *Salmo trutta* and *Salmo albus*. By Mr. SHIER

Session 1841-1842.

Nov. 5—On the Results obtained by Seven Rain Gauges in the Vicinity of Aberdeen. By Dr. DICKIE

Dec. 3—On Testing Impurities in Water, and on the Purification of Water from Supercarbonate of Lime and other Earthy Salts. By Dr. CLARK
 On the *Spatangus Cordatus*, or *Amphidotas Cordatus*. By Mr. LESLIE

1842

Jan. 7—On the Native Birds observed in the District of Banchory-Ternan. By Dr. ADAMS
 On the Influence of Physical Temperament on the Phenomena of Mental Disease. By Dr. JAMIESON
 On the State and Prospects of Animal Chemistry. By Dr. GREGORY

Feb. 4—On the Algæ, with a Catalogue of the Species found on the Coast of the Counties of Aberdeen and Kincardine. By Dr. DICKIE
 On the History of British Weights and Measures. By Dr. CLARK

March 4—On the Act relating to Weights and Measures. By Dr. FLEMING
 On the Structure of the Lepidosteon, forming a Link between Fishes and Amphibia. By Dr. LIZARS
 On the Philosophical Principles of Translation. By Professor BLACKIE

April 8—On the Ordinary System of Rotation of Crops in this Country. By Mr. SHEIR
 On Leibig's Animal Chemistry and Physiology. By Professor GREGORY

May 6—Do. do. concluding part
 On the Chemical Process for detecting Arsenic. By Dr. CLARK

Session 1842-1843.

Nov. 18.—On Mollusca found in the vicinity of Aberdeen. By Professor MACGILLIVRAY
 On the Forest Trees of Aberdeenshire. By Dr. DICKIE.

Dec. 2.—On Experiments with various Manures. By Mr. SHEIR.
 1843.

Jan. 6—"An attempt to Generalize and trace to one sole cause—viz., the Liberation of Latent Heat—all cases of Terrestrial Heat." By Professor BAIN
 On the Swiss Glaciers. By Dr. FLEMING

Feb. 3—On a new Molluscous Animal, allied to *Aeolis* and *Tritonia*. By Professor MACGILLIVRAY
 On the White Stork. By Mr. LESLIE

March 3—On the Rhythmical Modulation of the Ancients. By Professor BLACKIE

April 7—On the Health of the Poor, chiefly with reference to Fever. By Dr. TEMPLETON
 On the Limits of Vegetation in Aberdeenshire. By Dr. DICKIE

Session 1843-1844.

Nov. 3—On the Atomic Weight of Hydrogen. By Dr. CLARK

Dec. 1—On the Classification of the Sciences. By Professor BAIN
 On a Vital Process in the Function of Nutrition, apart from that of Chemical Action; and on Vital Attraction as its cause, as distinguished from Vital Affinity concerned in effecting the Chemical part of that action. By Dr. HARVEY

1844

Jan. 5—On Vegetable Reproduction. By Dr. DICKIE
 On Drs. Fresenius and Hill's new methods of Alkalimetry. By Mr. W. S. LEE

Feb. 2—On the Principles of Poetic Translation. By Dr. ADAMS
 On a new Cuttle Fish, found at Aberdeen. By Professor MACGILLIVRAY
 On the Principles by which Sound is regulated, especially in large Buildings. By Mr. SHAND

March 2—On the Principles of Education. By Mr. FINDLATER

Mar. 29—On Crystallization. By Dr. FLEMING
 On Sound (concluding paper). By Mr. SHAND
 On the Theory of the Beautiful. By Professor BLACKIE

Session 1844-1845.

Nov. 8—On an Artificial Cave in the Parish of Cluny, supposed to be of Pictish origin. By Mr. LESLIE

Dec. 9—On the use of Steeps for Seed. By Dr. DICKIE
 On the Definition and Classification of the Human Senses. By Professor BAIN

1845

Jan. 3—On Guano. By Mr. SHIER
Feb. 7—On Mesmerism. By Dr. WALKER
March 7—On the Grasses and Vegetable Productions of the Falkland Islands. By Dr. DICKIE
 On the Management of the Poor. By Baillie URQUHART
April 4—On the Scottish Universities. By Professor BLACKIE

Session 1845-1846.

Dec. 5—On the Laws of the Derivation of the Qualities of Progeny from their Parents. By Mr. J. DUGUID MILNE

1846

Jan. 2—On the prevailing Potato Disease. By Dr. DICKIE
 On the Physiology of Plants. By Dr. HARVEY
Feb. 6—On the Duration of Life in Plants, with reference chiefly to the Nature and Longevity of Trees. By Dr. HARVEY
March 6—On the Logic of the Art of Education. By Mr. FINDLATER
April 3—On Imperfect Mental Action. By Dr. JAMIESON

Session 1846-1847.

Nov. 3—On the Principal Statistical Results contained in the Reports of the Registrar-General for England. By Mr. J. DUGUID MILNE

Dec. 4—On the Theology of the Greeks, as exhibited in the Prometheus Bound of Æschylus. By Professor BLACKIE

1847

Jan. 8—On the Arctic Regions. By Dr. TEMPLETON
Feb. 5—On the Latin Poems of Jacob Balde. By Professor BLACKIE
March 5—On the Hypothesis of Spontaneous Generation. By Dr. DICKIE
 On the Unit or Proximate Atom of Society. By Mr. FINDLATER
April 1—On the Connexion subsisting between Physical Science and Religion. By Rev. Mr. RITCHIE

Session 1847-1848

Nov. 5—On Systematizing Emotional Culture. By Mr. J. DUGUID MILNE

Dec. 3—On the Philosophy of Kant. By Mr. CRAIG

1848

Jan. 7—On National Education. By Mr. FINDLATER
Feb. 4—On the Siliceous Infusoria of Ehrenberg. By Dr. DICKIE
March 3—On the Agrarian Laws of the Romans. By Professor BLACKIE

Session 1848-1849.

Nov. 3—On the Propriety of admitting the Female Sex into a larger share of Non-domestic Industry. By Mr. J. DUGUID MILNE

Dec. 1—On some of the Changes which obscure Personal Identity. By Dr. JAMIESON

1849

Jan. 5—On the Nature of the Connexion between Life and Organization.
By Dr. HARVEY

Feb. 2—On the Propriety of admitting the Female Sex into a larger share
of Non-domestic Industry (second part). By Mr. J. D.
MILNE

March 9—On the Moral and Mental Improvement of Female Domestic
Servants. By Baillie URQUHART

April 5—On Biology. By Mr. CRUICKSHANK

Session 1849-1850.

Nov. 9—On the Theology of the Homeric Writings. By Professor
BLACKIE

Dec. 7—On the Influences of Industrial Schools on the Moral and Physical
Constitution of Pauper Children. By Mr. STRATTON. Com-
municated by Sheriff WATSON

1850

Jan. 11—On the connexion between Vice and Deficient Sanitary Arrange-
ments. By Dr. TEMPLETON

Feb. 1—On the Proximate Laws by which the Muscles attain the posi-
tions they severally hold in the Animal Frame. By Mr. J.
D. MILNE

March 8—On Biology. By Mr. A. CRUICKSHANK

April 5—On Mental States in either Parent as influencing the Fœtus *in*
Utero. By Dr. HARVEY

Session 1850-1851.

Nov. 8—On the Genius and Character of the Romaic or Modern Greek
Language. By Professor BLACKIE

Dec. 6—On the Antagonism between the Mechanical, Chemical, and
Vital Forces in Living Bodies. By Dr. CHRISTIE

1851

Jan. 3—On the more obvious Functions of the Nervous Centres. By Dr.
REDFERN

Feb. 7—On Subjective and Objective Truth. By Mr. J. DUGUID MILNE

April 4—On the Cultivation of the Sugar Cane. By Dr. SHIER

Session 1851-1852.

Nov. 7—On Animal Magnetism, the influence of Chloroform, &c. as illus-
trating Mental Philosophy. By Mr. J. D. MILNE

Dec. 5—On the Stereoscope. By Professor MARTIN

1852

Jan. 9—Analytical View of the Vital Actions and Vital Powers of Living
Beings. By Dr. HARVEY

Feb. 6—On the Topography of the Arctic Regions, considered especially with reference to the existence of a North-West Passage. By Dr. BEVERIDGE.

March 5—On the Dental Tissues in Man and Animals, with a few remarks on some of the more closely allied Structures. By Dr. REDFERN.

April 2—On the Incrustation found in the Iron Water-Pipes of Aberdeen, with Observations on a similar deposit occurring in Earthen Drain-Pipes. By Dr. J. SMITH

Session 1852-1853.

Nov. 5—On the Process of Secretion. By Dr. REDFERN

Dec. 3—Theory of Muscular Development (second part). By Mr. J. D. MILNE

1853

Feb. 4—On Arithmetical Scales, and the Arithmetic of the Ancients, more especially of Archimedes. By Professor GEDDES

March 4—On a case of Congenital Malformation in the Calf. By Dr. BEVERIDGE.

April 1—On the Vinegar-Plant—its Botanical Nature, and the process for manufacturing Vinegar from it. By Mr. FRASER

Session 1853-1854.

Nov. 4—On the Condition of Pauper Children. By Mr. STRATTON

Dec. 9—On the Claims of Anatomy as a subject of Philosophic and General Study, Illustrated by an exposition of the Philosophic views now entertained of the Structure of the Vertebrate Skeleton. By Dr. REDFERN

1854

Jan. 13—On the Importance of the Study of Experimental Science in a National point of view. By Professor BRAZIER

Feb. 3—On the Social Position of a Trading Burgess in the Fifteenth Century. By Mr. NORVAL CLYNE

March 3—On the Moral Sense. By Mr. J. DUGUID MILNE

April 7—On the Beard. By Mr. FRASER

Session 1854-1855.

Nov. 10—On the Microscopical and other Characters of Coal. By Dr. REDFERN

1855

Jan. 12—Remarks on the Statistics of Cholera in Aberdeen. By Mr. Sheriff WATSON

Feb. 2—On the Action of Chloroform. By Dr. BEVERIDGE

March 2—On Memory. By Mr. H. A. DEWAR

30—On the Application of Town Sewage to Agricultural Purposes. By Mr. J. MILLER

Session 1855-1856.

Nov. 2—Popular Illustrations of the Doctrine of Probabilities. By Mr. H. AMBROSE SMITH

Dec. 7—On Medical Statistics and the Registration Act. By Mr. FRASER 1856

Jan. 11—Life—what is it? By Dr. CHRISTIE

Feb. 8—On the Education of Pauper Children. By Mr. Sheriff WATSON

March 7—On the Life of Bishop Elphinstone. By Mr. G. GRUB

April 14—On the Right Constituents of a Common Education. By Mr. M'COMBIE.

Session 1856-1857.

Nov. 14—On Law and Litigation. By Mr. J. D. MILNE

Dec. 12—On the Reduction of Metals. By Professor BRAZIER 1857

Jan. 9—On the Experimental Method in its application to Physiology. By Dr. REDFERN

Feb. 13—On the Lusiad of Camoens. By Mr. EVANS

Mar. 13—On the Cholera in Aberdeen in 1854. By Dr. CHRISTIE

April 3—On the Character and Civilization of the Dominant Nations of Antiquity. By Mr. W. F. OGG

June — On the Ecclesiastical and Baronial Antiquities of the Cathedral of Brechin and Castle of Edzell. By Messrs. CLYNE and GRUB

Session 1857-1858.

Nov. 13—On the Life of Bishop Burnet, and his Character as a Historian and Biographer. By Mr. GEORGE GRUB

On a Curious Variety of Frustrella Hispida, growing at Aberdeen. By Dr. REDFERN

Dec. 11—On the Physiology of Phrenical Action. By Dr. R. JAMIESON 1858

Jan. 15—On the General Plan of Construction traceable in the Higher Dimensions of the Animal Kingdom. By Dr. GEORGE OGILVIE

Feb. 12—On the Character (in Politics and Literature) of the leading Greek Nationalities. By Professor GEDDES

Mar. 12—On the Fall of the Knights Templars. By Mr. NORVAL CLYNE

April 1—On Female Prostitution. By Mr. G. B. BOTHWELL

On Micro-Photography. By Mr. H. AMBROSE SMITH

Session 1858-1859.

Nov. 12—On Photography, with special reference to the Waxed Paper Process. By Mr. J. FORBES WHITE

Dec. 10—On the Theory of Happiness. By Mr. WILLIAM FRASER

1859

Jan. 14—On the History of Architecture, with special reference to the Classic Styles. By Mr. JAMES MATTHEWS
 On a New Microscopic Finder. By Mr. H. AMBROSE SMITH

Feb. 11—On the Laws of Combustion, as applied to the Economy of Fuel. By Mr. A. D. MILNE

Mar. 11—On some of the Changes which take place in the Human Tissues and Organs, in connection with their Nutrition and Action. By Dr. REDFERN

April 1—On the Means provided for the Advancement of Education among the Poorer Classes in the North of Scotland. By Mr. WILLIAM PAUL

Session 1859-1860.

Nov. 11—On the Romantic Scottish Ballads, in connection with the recent Pamphlet of Mr. Robert Chambers. By Mr. NORVAL CLYNE

Dec. 9—On the Musical Scale. By Mr. H. AMBROSE SMITH
 1860

Jan. 13—On the Great Currents of the Air and Ocean. By Mr. JOHN MILLER

Feb. 10—On Preternatural Manifestations. By Mr. G. DAVIDSON

March 9—On Spontaneous Generation and the Origin of Parasites. By Dr. GEORGE OGILVIE

April 5—On Local School Examinations by the Authorities of the Universities of Oxford and Cambridge. By Dr. TEMPLETON

Session 1860-1861.

Nov. 9—On the Early History of the English Drama. By Rev. Mr. DEMAUS

Dec. 14—Report of the Meeting of the British Association at Oxford in 1860. By Dr. GEORGE OGILVIE and Mr. H. AMBROSE SMITH
 On Electrical Discharges in Rarified Media, illustrated by means of the variously charged tubes of Mons. Gassiot. By Professor BRAZIER
 1861

Jan. 11—On the Progress of Discovery in the Arctic Regions of America By Dr. BEVERIDGE

Feb. 8—On the History of Printing and Publication, with Statistics of the Circulation of Periodicals in Aberdeen. By Mr. G. WALKER

March 8—On the Great Currents of the Atmosphere. By Mr. JOHN MILLER

April 5—A Brief Comparison between the Arctic and Antarctic Zones, as regards Climate and Vegetation. By Dr. DICKIE

Session 1861-1862.

Nov. 8—On the Present State and Prospects of Ocean Telegraphy. By Dr. C. S. STILL

Dec. 13—On the Gold of Australia. By Dr. J. SMITH of Sydney University

1862

Jan. 10—Report of the Meeting of the British Association at Manchester in 1861. By Dr. J. SMITH, Dr. G. OGILVIE, and Mr. HARDY ROBINSON

Feb. 14—On the Conflicts between the Civil and Ecclesiastic Powers during the Middle Ages. By Mr. C. F. MULLER

Mar. 14—On Strikes of Workmen. By Mr. J. DUGUID MILNE

April 4—On the Harmony of the Fine Arts. By Rev. Mr. RITCHIE

Session 1862-1863.

Nov. 14—On Dr. James Beattie and his Friends. By Mr. GEORGE GRUB

Dec. 12—On the Fable of the Phœnix—its History, Origin, and Signification. By Mr. WILLIAMSON

1863

Jan. 9—On Instinct not Transmutable into Reason; an Argument against the Darwinian Theory of Man's Relation to the Ape. By Dr. HARVEY

Feb. 13—On the Motive Powers and Mechanism of the Living Body. By Dr. GEORGE OGILVIE

On the Binocular Microscope. By Mr. H. AMBROSE SMITH

Mar. 13—On Species. By Dr. BEVERIDGE

April 2—On Literary Puzzles—the Eikon Basilike. By Rev. Mr. DEMAUS

Session 1863-1864.

Nov. 9—On One of our Social Evils. By Dr. TEMPLETON

Dec. 11—On the Moral aspect of certain Literary Impostures: Ireland's Shakespeare—Surtees' Ballads. By Mr. NORVAL CLYNE